

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/10470

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F03D11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F03D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	DE 102 47 072 A (SKF GOETEBORG GOTENBURG AB) 22 April 2004 (2004-04-22) abstract columns 1-4 claim 6 figures	1-15
A	US 4 088 420 A (JACOBS MARCELLUS L ET AL) 9 May 1978 (1978-05-09) column 3, line 47 - line 66; figure 3	1, 3, 13, 15
A	US 4 757 211 A (KRISTENSEN EJLER) 12 July 1988 (1988-07-12) abstract column 3, line 44 - column 4, line 16; figure 2	1
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

25 May 2004

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01/06/2004

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 08/10470

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 291 521 A (TURBOWINDS N V S A) 12 March 2003 (2003-03-12) -----	
A	US 2003/080566 A1 (BECKER MARKUS ET AL) 1 May 2003 (2003-05-01) -----	
A	DE 41 04 454 C (DORSTENER MASCHINENFABRIK AG) 30 July 1992 (1992-07-30) -----	

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PCT/EP 03/10470

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10247072	A	22-04-2004	DE 10247072 A1	22-04-2004
US 4088420	A	09-05-1978	CA 1068609 A1	24-12-1979
US 4757211	A	12-07-1988	NONE	
EP 1291521	A	12-03-2003	EP 1291521 A1	12-03-2003
US 2003080566	A1	01-05-2003	DE 10119428 A1 EP 1251306 A2	24-10-2002 23-10-2002
DE 4104454	C	30-07-1992	DE 4104454 C1 DK 17792 A NL 9200256 A	30-07-1992 15-08-1992 01-09-1992